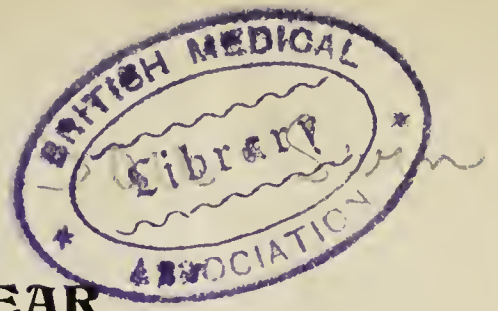




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**SOUTHWICK-ON-WEAR
URBAN DISTRICT COUNCIL.**



ANNUAL . . .

REPORT

ON THE

HEALTH AND SANITARY CONDITION

OF

SOUTHWICK-ON-WEAR,

BY

JOHN J. CARRUTHERS, M.B.C.M.,

Fellow of the Incorporated Society of Medical Officers of Health,

Medical Officer of Health to the Southwick-on-Wear
Urban District Council.

FOR THE YEAR
1904.

SOUTHWICK-ON-WEAR :

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1905.



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ANNUAL REPORT,

— 1904. —

*To the Chairman and Members of the Southwick-on-Wear
Urban District Council.*

GENTLEMEN,

I beg to submit to you my Report on the Health and Sanitary Condition of your District for the year 1904.

POPULATION.

It is estimated that the population at the middle of the year was 14,114, and on this number the tables are based.

BIRTHS.

The number of births registered during the year was 554. This is 29 greater than the number for 1903, and is equal to a birth-rate of 39·2 per thousand per annum. Compared with the figures for 1903, there is a decrease of 0·3 per thousand. Of the number 272 were males, and 282 females. The birth-rate in the Administrative County of Durham was 35·6 per thousand; and in England and Wales 27·9.

Table shewing Birth-rate for the past Ten Years.

Year.	Males.	Females.	Total.	Birth-rate.
1895	219	229	448	39·6
1896	225	222	447	38·7
1897	244	202	446	37·7
1898	269	219	488	40·5
1899	252	260	512	41·9
1900	274	248	522	41·7
1901	246	264	510	40·1
1902	279	242	521	40·1
1903	265	260	525	39·5
1904	272	282	554	39·2

DEATHS.

The number of deaths registered in the district during the year was 293, which is equal to a death-rate of 20·7 per thousand. In public institutions and elsewhere outside the district 38 deaths occurred among persons who belonged to the district. The total number of deaths is therefore 331. This number is made up of 188 males, and 143 females; and the total death-rate is 23·4 per thousand. There is an increase of 79 over the number for 1903, and the death-rate is 5·1 per thousand higher. The death-rate in the Administrative County of Durham was 18·3; and in England and Wales 16·2.

The following table shows the monthly death-rate for 1904 :—

Month.	M.	F.	Death Rate.	Month.	M.	F.	Death Rate.
January	11	14	20·9	July	88 11	61 10	17·5
February	14	10	21·4	August	23	14	30·9
March	20	10	25·09	September	20	18	32·9
April	16	12	24·2	October	18	18	30·1
May	12	8	16·7	November	11	10	18·1
June	15	7	19·01	December	17	12	24·2
	88	61		Total	188	143	39·2

Table shewing Death-rate for the past Ten Years.

Year.	Deaths.	Rate.
1895	211	18·6
1896	225	19·2
1897	225	19·06
1898	323	26·8
1899	257	21·04
1900	283	22·6
1901	285	22·4
1902	222	17·09
1903	243	18·3
1904	331	23·4

OLD AGE MORTALITY.

The old age mortality—the number of deaths of persons over the age of 65—was 49 which is 25 more than the number for 1903.

Table shewing Old Age Mortality during the past 10 years.

Age over 65 years.

Year.	Number of Deaths.	Rate.
1895.....	31.....	2·6
1896.....	24.....	2·
1897.....	23.....	1·9
1898.....	29.....	2·3
1899.....	26.....	2·09
1900.....	30.....	2·3
1901.....	28.....	2·2
1902.....	26.....	2·
1903.....	24.....	1·8
1904.....	49.....	3·4

ADULT MORTALITY.

The adult mortality—that is the number of deaths of persons between ages of 5 and 65 years—was 86, an increase of 10 as compared with the previous year.

Table shewing Adult Mortality during the past 10 years.

Ages between 5 and 65 years.

Year.	Number of Deaths.	Rate.
1895.....	66.....	5·8
1896.....	72.....	6·2
1897.....	84.....	7·1
1898.....	78.....	6·4
1899.....	86.....	6·9
1900.....	97.....	7·6
1901.....	105.....	8·2
1902.....	76.....	5·8
1903.....	76.....	5·7
1904.....	86.....	6·09

CHILDHOOD MORTALITY.

The number of deaths of children between the ages of 1 year and 5 years was 84, which is 41 more than for the previous year, and is equal to a death-rate of 5·9 per thousand.

Table shewing Childhood Mortality for the last Ten Years.

Ages between 1 and 5 years.

Year.	Number of Deaths.	Rate.
1895.....	34.....	3·01
1896.....	40.....	3·4
1897.....	42.....	3·5
1898.....	93.....	7·7
1899.....	38.....	3·1
1900.....	57.....	4·5
1901.....	41.....	3·2
1902.....	46.....	3·5
1903.....	43.....	3·2
1904.....	84.....	5·9

MORTALITY AMONG INFANTS.

The number of deaths of infants under 1 year of age was 112, an increase of 12 over the number for 1903. It is equal to a death-rate of 7·9 per thousand.

Table shewing Mortality among Infants under 1 year of age during the past 10 years.

Year.	Number of Deaths.	Rate.
1895.....	80.....	7'08
1896.....	86.....	7'4
1897.....	76.....	6'4
1898.....	108.....	8'9
1899.....	103.....	8'4
1900.....	85.....	6'8
1901.....	111.....	8'7
1902.....	74.....	5'7
1903.....	100.....	7'5
1904.....	112.....	7'9

INFANTILE MORTALITY.

The 112 deaths of infants under 1 year of age is equal to an infantile mortality of 202 per thousand births. This is an increase of 12 per thousand as compared with the number for 1903.

Table shewing infantile mortality during the past 10 Years.

1895.....	178	per 1,000 births.
1896.....	192	„ „
1897.....	170	„ „
1898.....	221	„ „
1899.....	201	„ „
1900.....	162	„ „
1901.....	217	„ „
1902.....	142	„ „
1903.....	190	„ „
1904.....	202	„ „

The number of deaths registered in the four quarters of the year was as follows :—

			Under 5 years.		Over 5 years.		Total.		Death Rate.
1st quarter			43	.....	37	.....	80	.....	22·7
2nd „			29	.....	40	.....	69	.....	19·6
3rd „			73	.....	23	.....	96	.....	27·05
4th „			51	.....	35	.....	86	.....	24·2

In the following table is recorded the quarterly death-rates and the annual death-rates for the past 10 years :—

YEARS.	1ST QUARTER		2ND QUARTER		3RD QUARTER		4TH QUARTER		WHOLE YEAR	
	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate
1895	54	19·1	36	12·7	65	23·	56	19·8	211	18·6
1896	50	17·3	63	21·8	59	20·4	50	17·3	222	19·2
1897	53	17·9	60	20·3	66	22·3	46	15·5	225	19·06
1898	54	17·9	77	25·6	102	33·9	75	24·9	308	25·6
1899	49	15·7	39	12·9	93	30·4	72	23·5	257	21·04
1900	72	23·	65	20·8	59	18·8	87	27·5	283	22·6
1901	75	23·6	59	18·5	99	31·1	52	16·3	285	22·4
1902	46	14·3	68	21·	49	14·9	59	18·02	222	17·09
1903	50	15·2	60	18·1	61	18·2	72	21·5	243	18·3
1904	80	22·7	69	19·6	96	27·05	86	24·2	331	23·4

ZYMOTIC DISEASES.

The number of cases of infectious diseases notified was 99 which is 12 more than the number for 1903. They are classified as follows:—

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
Smallpox	...	...	...	...	...
Scarlet Fever ...	16	24	17	10	67
Enteric Fever ...	...	4	10	9	23
Continued Fever	...	...	...	...	...
Erysipelas	...	3	...	...	3
Diphtheria and Croup.....	2	1	...	3	6
Total.....	18	32	27	22	99

77 tenements were involved in the 99 cases.

Table showing the number of notifications yearly for the past 10 years

DISEASE.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Smallpox	...	...	...	...	...	...	...	...	1	...
Scarlet Fever	8	10	48	63	65	37	86	45	64	67
Enteric Fever	24	7	18	60	41	23	27	17	15	23
Continued Fever	1	...	4	3	3	3	...	...	1	...
Typhus Fever	...	...	...	...	...	...	...	...	...	...
Diphtheria	2	1	2	...	8	2	9	7	2	6
Puerperal Fever.....	1	...	2	...	...	...	...	1	...	...
Erysipelas	...	...	...	...	5	2	2	...	4	3

ZYMOTIC MORTALITY.

The number of deaths from zymotic diseases during the past year is stated below :—

DISEASE.	Deaths in 1904.
Smallpox	—
Measles	26
Scarlet Fever.....	1
Diphtheria and Croup	—
Whooping Cough	6
Typhus Fever	—
Enteric Fever	4
Continued Fever	—
Puerperal Fever	—
Diarrhœa	42
Enteritis	—
Total.....	79

The total number of 79 deaths from zymotic diseases is 52 more than for the previous year, and is equal to a zymotic death-rate of 5·5 per thousand as compared with 2·03 for 1903. The zymotic death-rate in the administrative county of Durham for 1904 was 2·59 ; and in England and Wales 1·94.

Table shewing the number of deaths yearly from zymotic diseases during the past ten years.

Disease.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Smallpox	...	...	...	...	...	...	...	...	...	...
Measles	2	9	7	29	1	16	...	7	3	26
Scarlet Fever	...	2	4	6	3	...	1	2	1	1
Diphtheria and Croup	1	...	...	...	4	...	3	2	1	...
Whooping Cough	...	9	6	15	2	5	4	7	4	6
Enteric Fever	3	1	1	6	3	4	2	3	...	4
Typhus Fever	...	...	...	...	...	1	...	...	...	...
Continued Fever	1	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	1	...	...
Diarrhoea	25	7	9	17	19	12	21	8	15	42
Enteritis	...	...	...	32	23	10	15	5	3	...
Total zymotic deaths	32	28	27	105	55	48	46	35	27	79
Deaths from other causes...	179	194	198	203	202	235	239	187	216	252
Total.....	211	222	225	308	257	283	285	222	243	331

Table shewing the annual death-rates from zymotic and general causes for the past ten years.

Disease.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904
Smallpox	...	...	...	...	...	...	...	...	...	...
Measles	·17	·77	·59	2·39	·08	1·28	...	·53	·22	1·84
Scarlet Fever	...	·17	·33	·49	·24	...	·08	·15	·07	·07
Diphtheria and Croup	·08	...	...	...	·32	...	·23	·15	·07	...
Whooping Cough	...	·77	·5	1·23	·16	·39	·31	·53	·3	·42
Typhus Fever	...	...	...	...	...	...	...	...	...	...
Continued Fever	·08	...	...	...	...	·31	...	...	...	...
Enteric Fever	·26	·08	·08	·49	·24	·08	·15	·23	...	·28
Puerperal Fever	...	...	...	...	...	...	...	·07	...	...
Diarrhoea	2·21	·6	·76	1·40	1·53	·96	1·65	·61	1·13	2·97
Enteritis	...	...	...	2·64	1·85	·79	1·18	·38	·22	...
Zymotic rate	2·83	2·42	2·28	8·6	4·43	3·8	3·6	2·69	2·03	5·5
Rate from other causes	15·8	16·7	16·7	16·7	15·98	18·8	18·8	14·4	16·27	17·9
General death-rate.....	18·6	19·2	19·01	25·4	20·4	22·6	22·4	17·09	18·3	23·4

DISEASES OF RESPIRATORY ORGANS.

Bronchitis, Pneumonia and other diseases of the Respiratory Organs, caused 58 deaths, which is 2 more than for 1903. Phthisis caused 23 deaths compared with 13 for the previous year, and the number of deaths from Tubercular diseases—other than Phthisis—was 8, which is 2 more than in 1903.

Cancer caused 8 deaths ; 14 were due to Premature Birth, and 16 to Congenital Debility.

INQUESTS.

The number of Inquests held during the year was 11 and death was ascribed to the following causes:—

- 7 Accidental Injuries.
- 2 Drowning.
- 1 Suicide by Hanging.
- 1 Convulsions.

BIRTHS.

The birth-rate for 1904 was a fraction less than the rate for the previous year.

DEATHS.

The record for the year shows a large increase in the death-rate, and this increase is found in all the mortality sections as is shown in the following table.

	Old Age. Over 65 years.	Adult. Between 5 and 65.	Childhood. Between 1 and 5.	Infantile. Under 1 year.
1903	1·8	5·7	3·2	7·5
1904	3·4	6·09	5·9	7·9
Increase	1·6	0·39	2·7	0·4

The increase is most marked in the childhood section, between the ages of one and five years, and is almost entirely due to an epidemic of Measles which invaded Low Southwick in the autumn. In the close, badly ventilated apartments in that district Measles is very fatal.

Diarrhœa was also very prevalent in the third quarter of the year, and was the principal cause of the high infantile mortality rate. The prolonged heat of last summer favoured the development of the organism which is the exciting cause of this disease, and want of ventilation, improper feeding, and lack of cleanliness all favour the attack of the organism, and were usually found to be associated with the disease.

Premature birth and debility at birth also contributed to the infantile mortality rate.

ENTERIC FEVER.

There was an increase in the number of cases of Enteric Fever. The disease was most prevalent in the autumn. The character of the weather at that time favoured the development of the disease. In nine cases the domestic sanitary surroundings were not satisfactory. One case was imported. In the remaining thirteen cases no cause could be stated for the origin of the disease.

SCARLET FEVER.

At no time throughout the year was the district long free from Scarlet Fever, usually of a mild type.

DIPHTHERIA.

Six cases of Diphtheria were notified. In two of these the state of the yards and out-houses was quite sufficient to account for the existence of the disease. In the other three cases no cause was apparent.

MEASLES.

Measles was prevalent in the third quarter of the year, and as has already been stated, explains to a large extent the increase in the death rate.

WATER.

With slight exception the whole district obtains water from the Sunderland and South Shields Water Co. The supply was satisfactory so far as the service extended. At the farms of Whitherwack and Thistley Hall an efficient supply of wholesome water is urgently needed. The importance of such a supply, especially to a dairy-farm, cannot be over estimated.

HOUSE ACCOMMODATION.

The building trade was busy during the year in order to provide house room, not only for the overflow of the native population, but for whole families of incomers, mostly colliers who have found work at Castletown Colliery. By the erection of the new buildings in Stoney Lane in place of the old property, a great sanitary improvement has been effected.

LODGING HOUSES.

There are no common lodging houses in the district.

JOINT ISOLATION HOSPITAL.

During the year 59 cases were removed from Southwick-on-Wear to the Joint Isolation Hospital; 36 cases being Scarlet Fever, and 19 Enteric Fever.

The 36 cases of Scarlet Fever represent 82 per cent. of the total number of the Scarlet Fever cases notified, and the 19 Enteric cases are equal to 53 per cent. of the Enteric notifications.

SMALLPOX HOSPITAL.

There was no Smallpox in the district during the year, The old Temporary Isolation Hospital was maintained for the treatment of any cases of Smallpox that might chance to occur; though the place becomes more and more unsuitable for such a purpose.

Southwick-on-Wear is one of several districts concerned in the erection of a Joint Isolation Smallpox Hospital; a scheme which has received official sanction, and is likely to be carried into effect in the near future.

BY-LAWS.

The new Building By-Laws came into operation on 24th November last.

COW-SHEDS AND DAIRIES.

As regards cleanliness, space, and ventilation, the condition of the Cow-Sheds and Dairies was fairly good.

SEWERS.

Owing to certain defects it has been found necessary to reconstruct the sewer in West Back Wear Street.

New sewers have been laid in Back Sunderland Road, East and West Back Dryden Street, Beaumont Street, North Back Ridley Street, Shakespeare Street, Carley Hill Road, West Back Morgan Street, West Back Edward Burdis Street, and Henderson's Yard.

WATER-CLOSETS AND ASH-CLOSETS.

The scheme of replacing open middens with water-closets and ash-closets was considerably advanced during the year. Most of the new buildings have water-closets.

SCAVENGING.

The distance to be travelled in disposing of the contents of the middens and closets constitutes a great and increasing difficulty in the method at present in use in the scavenging department. As the year advanced there was a noticeable improvement in the way in which this work was done; but the daily average number of complaints and notices left at the Council Offices about the state of the middens and ash-closets, shows there is room for further improvement. The Council's men do the scavenging and cleansing of the ashpits and closets.



FACTORY AND WORKSHOP ACT.

FABRICES.

The number of Factories in the district is 18.

Shipbuilding Yards.....	4	Engine Works	2
Glass Works.....	2	Joinery Works	3
Brickworks	1	Printing Works	1
Wheelwrights' Works ...	1	Herbal Breweries	2

WORKSHOPS.

The number of Workshops is 24.

Retail Bakehouses	14	Dressmaking Workshops	3
Shoemakers	4	Blacksmiths	1
Tailors	1		

Workplaces 1

Home Workers 3

Two are engaged in dressmaking, and one in filemaking. The condition of the home workers' premises was satisfactory.

REQUIREMENTS.

- 1—Increased attention to the cleansing of the middens and ash-closets; especially to those attached to a few tenemented houses in Low Southwick.
- 2—Replacing open middens by water-closets.
- 3—A Public Slaughter House.
- 4—A Refuse Destructor.

The usual tables are appended.

I have the honour to be, Gentlemen,

Your obedient Servant,

JOHN J. CARRUTHERS,

Medical Officer of Health.

January 24th, 1905.

Streets in which Infectious Cases Occurred and
the Number of Cases in each Street.

	Cases		Cases
Frank Street	4	Wellington Street	1
Sophy Street	1	Camden Street.....	1
Keats Avenue	1	Waterloo Street ...	1
Inkerman Street.....	7	Kertch Street	1
Lilburn Place	3	Carley Road.....	2
Morgan Street.....	4	Broadsheath Ter.	2
King Street	1	Bow Street	1
John Street	1	Schimel Street.....	6
Clarendon Street.....	3	Stoney Lane.....	5
Cicero Terrace.....	2	Alice Street	2
Edward Burdis St....	1	Dean Terrace	1
Edith Street.....	4	Clockwell Street ...	1
Pembroke Street.....	2	Suddick Street.....	1
Branston Street	4	Victoria Street.....	1
Crown Road.....	1	William Street.....	1
Nelson Street	3	Douglas Terrace ...	1
Thomas Street South	1	Collingwood Street	2
Sunderland Road ...	3	Scott Terrace	2
James Armitage St.	3	Clive Street	1
Wear Street.....	7	Malaburn Terrace	1
Cornhill Road	1	Cowell Terrace ...	1
Hawthorn Street.....	1	Church Street	1
Grey Street	3		
Tennyson Street.....	1		
Amy Street	1		
		Total.....	99

SOUTHWICK-ON-WEAR URBAN DISTRICT.

Vital Statistics of whole district during 1904 and previous years.

Year.	Population estimated to middle of each year.	Births.		Total deaths registered in the district.				Deaths of residents registered in public institutions beyond the district.	Total deaths in public institutions in the district.	Deaths of residents registered in public institutions beyond the district.	Nett deaths at all ages belonging to district.		
		Num-ber.	Rate* Rate*	Under 1 year of age.	At all ages.		Num-ber.				Rate* Rate*		
					Num-ber.	Rate per 1,000 births registered.						Num-ber.	Rate*
1894	11,030	425	38.5	90	211	246	22.3	246	22.3	246	22.3		
1895	11,295	448	39.6	80	178	211	18.6	211	18.6	211	18.6		
1896	11,550	447	38.7	86	192	222	19.2	222	19.2	225	19.2		
1897	11,800	446	37.7	76	170	225	19.06	225	19.06	225	19.06		
1898	12,030	488	40.5	108	221	308	25.6	308	25.6	323	26.8		
1899	12,210	512	41.9	103	201	253	20.7	253	20.7	257	21.04		
1900	12,490	522	41.7	85	162	269	21.5	269	21.5	283	22.6		
1901	12,700	510	40.1	111	217	268	21.1	268	21.1	285	22.4		
1902	12,983	521	40.1	74	142	204	15.7	204	15.7	222	17.09		
1903	13,261	525	39.5	98	186	218	16.4	218	16.4	243	18.3		
Averages for years 1894-1903	12,134	484	39.8	91	188	242	20.	242	20.	252	20.7		
1904	14,114	554	39.2	110	198	293	20.7	293	20.7	331	23.4		

* Rates in columns 4, 8 and 12 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 844·544.

Total population at all ages.....	12,643	} At Census at 1901.
Number of inhabited houses	1,870	
Average number of persons per house	6·7	

Institutions outside the district receiving sick and infirm persons from the district :

South Shields Rural and Southwick-on-Wear Joint
Isolation Hospital.

Monkwearmouth and Southwick Hospital.

Sunderland Infirmary.

Sunderland Eye Infirmary.

Sunderland Union Workhouse.

Durham County Asylum, Sedgefield.

Newton Hall Lunatic Asylum.

The Union Workhouse is not within the district.

TABLE III.
SOUTHWICK-ON-WEAR URBAN DISTRICT.

Cases of Infectious Diseases notified during the
Year 1904.

Notifiable Disease.	Cases notified in the whole district.							No. of cases remov'd to hospital Whole district.
	At all ages.	At ages—years.						
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and up'ds.	
Smallpox.....	...	...	...	...	...	...	...	...
Diphtheria ...	6	...	3	2	1	...	...	...
Erysipelas ...	3	...	...	...	2	1	...	...
Scarlet Fever	67	...	25	38	1	3	...	36
Enteric ,,	23	...	2	3	5	13	...	19
Continued ,,	...	...	...	...	...	...	...	...
Totals...	99	...	30	43	9	17	...	55

ISOLATION HOSPITAL.

South Shields Rural and Southwick-on-Wear Joint Isolation Hospital,
East Boldon, South Shields Rural District.

Causes of, and ages at death during year 1904.

Causes of Death.	Deaths in or belonging to whole district at subjoined ages.						
	All ages.	Under 1 year.	1 & under 5.	5 & under 15.	15 & under 25.	25 & under 65.	65 and upwards.
Smallpox	::	::	::	::	::	::	::
Measles	26	3	22	1	::	::	::
Scarlet Fever	1	::	1	::	::	::	::
Whooping-Cough	6	2	4	::	::	::	::
Diphtheria and Membranous Croup.....	...	...	...	...	...	...	...
Croup.....	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...
{ Enteric	4	...	...	...	2	2	...
{ Other Continued...	...	...	...	...	...	...	...
Epidemic Influenza	1	...	...	...	...	1	...
Cholera	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...
Diarrhœa	42	27	14	...	...	...	1
Enteritis	...	...	...	...	...	...	...
Puerperal Fever.....	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...
Other Septic Diseases	1	...	1	...	...	...	...
Phthisis.....	23	1	4	2	6	10	...
Other Tubercular Diseases	8	2	1	2	1	2	...
Cancer, Malignant Disease	8	...	...	...	...	7	1
Bronchitis	37	17	13	...	...	2	5
Pneumonia	19	4	7	...	...	5	3
Pleurisy.....	1	...	...	...	...	...	1
Other Diseases of Respiratory Organs	1	...	...	...	...	...	1
Alcoholism Cirrhosis of Liver	2	...	...	...	...	2	...
Venereal Disease	...	...	...	...	...	...	...
Premature Birth	14	14	...	...	...	...	...
Diseases and Accidents of Parturition	1	1	...	...	...	...	...
Heart Diseases	24	...	...	3	...	12	9
Accidents	9	...	1	...	2	6	...
Suicides	1	...	...	...	...	1	...
Marasmus and Atrophy ...	2	2	...	...	...	...	...
Convulsions.....	18	14	3	...	...	1	...
Debility	16	16	...	...	...	...	...
All other Causes.....	66	9	13	4	1	11	28
All Causes	331	112	84	12	12	62	49

TABLE SHEWING CASES NOTIFIED DURING THE YEAR.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Totals.
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	5	5	6	8	11	5	3	5	9	7	2	1	67
Typhoid Fever	...	...	...	1	3	...	...	4	6	8	...	1	23
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	1	2	...	...	...	...	...	...	3
Diphtheria	...	2	...	1	...	...	...	...	...	...	...	3	6
Croup	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	5	7	6	10	15	7	3	9	15	15	2	5	99

Chief Vital Statistics for 1904, and their comparison with 1903, and the average of the ten years 1894—1903.

	Administrative County of Durham.		Southwick-on-Wear.	
	Estimated population, 1904—801,100. 1903—790,770.		1904—14,114. 1903—13,261.	
	Administrative County of Durham.		Southwick-on-Wear.	
	Annual rates per 1000 population.	Mean rates for 10 years 1894—1903.	Annual rates per 1000 population.	Mean rates for 10 years 1894—1903.
	1904	1903	1904	1903
Birth-rate	35·6	35·8	39·2	39·5
Death-rate	18·3	17·7	23·4	18·3
Zymotic death-rate.....	2·59	2·01	5·5	2·03
Infant mortality-rate (per 1,000 births	1·62	1·61	20·2	190
Smallpox	0·03	0·03	.....	.....
Scarlet fever.....	0·16	0·25	0·07	0·07
Diphtheria and membranous croup ...	0·29	0·29	.....	.....
Fever (enteric and continued)	0·15	0·12	0·28	.....
Measles	0·55	0·32	1·84	0·22
Whooping cough	0·43	0·24	0·42	0·3
Diarrhoea	0·95	0·73	2·97	1·13
Enteritis, etc.	0·38	0·38	.....	0·22
Phthisis	1·07	1·09	1·62	0·98
Other tubercular diseases.....	0·92	0·93	0·56	0·45
Respiratory diseases	2·92	3·02	4·1	4·22

SUMMARY OF WORK DONE IN THE INSPECTOR OF
NUISANCES' DEPARTMENT DURING THE YEAR 1904 IN THE
URBAN DISTRICT OF SOUTHWICK-ON-WEAR.

	Number of Informal written Notices by Inspector.	Number of Formal Notices by order of Authority.	Number of Nuisances abated after Notice.	General Remarks.
I—PUBLIC HEALTH ACTS.				
Dwelling-houses—				
Defective Roofs	...	...	4	
Structural Defects	...	...	7	
Defective Sashes	...	...	2	
Overcrowding	...	...	1	
Defective Roof Spouts	...	...	26	
Lodging-houses	...	...	...	
Dairies and Milkshops	...	...	...	
Cowsheds	...	...	...	
Bakehouses	...	...	...	
Wash-houses Provided	...	...	2	
Slaughter-houses	...	...	...	
Ashpit and Privies Repaired ...	...	...	17	
Galvanized Iron Sanitary Receptacles Provided.....	...	...	4	
Deposits of Refuse	...	...	4	
Ash-closets in lieu of Ashpits ...	...	...	21	
Water-closets in lieu of Ashpits	...	...	17	
Water-closets in lieu of Ash-closets.....	...	...	2	
Water-closets Repaired.....	...	...	4	
Defective Yard Paving	...	...	40	
House Drainage—				
Defective Gullies.....	...	...	34	
No Disconnection from Sewers.....	...	...	...	
Other Faults	...	...	56	
Water Supply	19	2	19	
Pigsties	...	6	...	
Animals Improperly Kept.....	...	...	1	
Poultry Improperly Kept	...	...	15	
Offensive Trades	...	...	...	
Smoke Nuisances	...	...	...	
Other Nuisances	...	...	12	
Total.....	19	8	288	

2—HOUSING OF THE WORK- ING CLASSES' ACT, 1890.	No.	Remarks.
Formal Notices served..... Dwellings dealt with..... Dwellings made habitable after formal notice Closing Orders applied for Closing Orders granted by Magistrates Dwellings permanently closed		
3—FACTORY AND WORK- SHOP ACT, 1901.		
Notices served, etc.	1	3 Water-closets provided
4—WATER, FOOD, AND DRUGS.		
Samples of Water taken for Analysis Samples of Water condemned as unfit for use..... Seizures of Unwholesome Food ... Convictions for exposing or selling Unwholesome Food Samples of Food and Drugs taken for Analysis Samples of Food found Adulterated	1	Consignee of fruit called attention to it.
5— PRECAUTIONS AGAINST INFECTIOUS DISEASE.		
Lots of Infectious Bedding stoved or destroyed..... Houses disinfected after Infectious Disease Schools do. do. ... Prosecutions for exposure of Infected persons or things Convictions for do. do. ...	91 91 1	

Annual Report of Medical Officer of Health for 1904,
for the Urban District of Southwick-on-Wear.

FACTORIES, WORKSHOPS, LAUNDRIES,
WORKPLACES, AND HOMEWORK.

1—INSPECTION.

Including Inspections made by Sanitary Inspector or
Inspector of Nuisances.

Premises.	Number of		
	Inspection.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries) ...	20	1	
Workshops (Including Workshop Laundries)	52		
Workplaces	52		
Homeworkers' Premises	16		
Total	140	1	

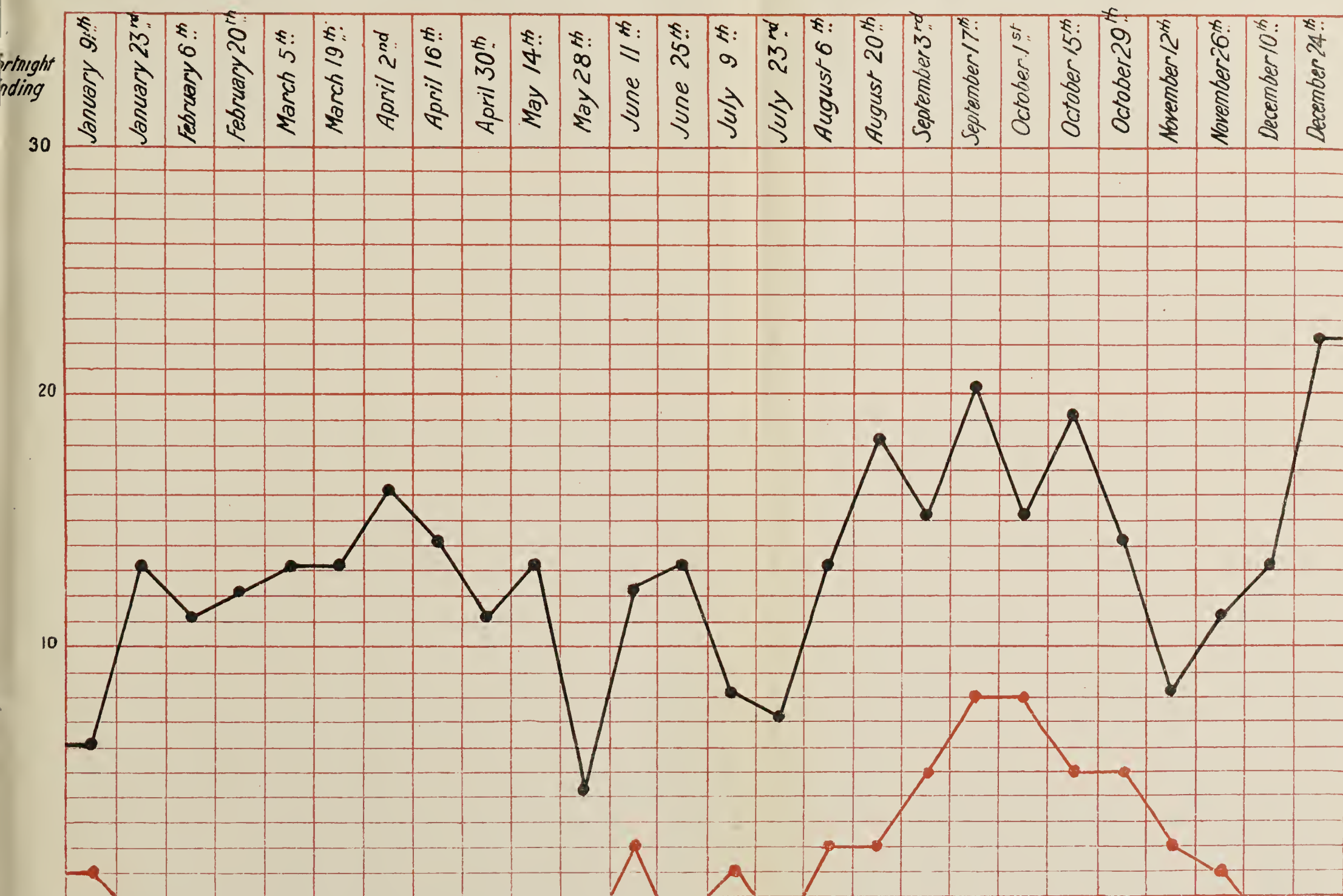
2—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Rem- edied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness				
Want of ventilation				
Overcrowding				
Want of drainage of floors ...				
Other nuisances... ..				
Sanitary accommodations—				
Insufficient	1	1		
Unsuitable or defective ...				
Not separate for sexes ...				
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of under- ground bakehouse (S. 101) ...				
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)... ..				
Failure as regard lists of out- workers (S. 107)				
Giving out { work to be done in { premises which are {				
Unwholesome (S. 108)				
Infected (S. 110)				
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S. 109)				
Other offences				
Total	1	1		

3—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories :	
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S.5) {	Notified by H.M. Inspector... ..
Other	Reports (of action taken) sent to H. M. Inspectors ...
Underground Bakehouses (S. 101) :—	
In use during 1903	
Certificates { In 1903	
granted { In 1904	
In use at the end of 1904	
Homework :—	Number of
<i>List of Outworkers</i> (S. 107) :—	Lists. Out-workers.
Lists received	4 4
Addresses of { Forwarded to other Authorities	
outworkers { Received from „ „	1
<i>Homework in unwholesome or infected premises</i> :—	Wearing Apparel; Other.
Notices prohibiting homework in unwholesome premises (S. 108)	
Cases of infectious disease notified in homeworkers' premises	
Orders prohibiting homework in infected premises (S. 110)	
Workshops on the Register (S. 131) at the end of 1904.	
Important classes of workshops, such as workshop bakehouses, may be enumerated here. {	46
Total number of Workshops on Register... ..	46

CHART SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES AND DEATHS FROM DIARRHŒA
AND ENTERITIS DURING EACH FORTNIGHT IN THE YEAR 1904.



ALL CAUSES BLACK.

DIARRHŒA AND ENTERITIS-RED.

CHART SHOWING THE NUMBER OF CASES OF SCARLET FEVER, ENTERIC FEVER AND DIPHThERIA
AND MEMBRANOUS CROUP NOTIFIED DURING EACH FORTNIGHT IN THE YEAR 1904.

